

**REMARKS**

Claims 1-4 and 6-10 are currently pending in the present application with Claims 1, 3 and 4 as independent claims. Claim 5 has been cancelled. In the Office Action, the Examiner rejected. Claims 1-3, 4 and 6-10 under 35 U.S.C. §101 as being directed to non-statutory subject matter as reciting an algorithm.

Reconsideration of this application is respectfully requested.

Regarding the rejection of Claims 1-3, 4 and 6-10 under 35 U.S.C. §101, the Examiner states, "Training neural networks is well known to be an algorithm process of repeatedly adjusting the weights (parameters) of a neural network model until the error between the output by the neural network and the desired output for each input-output pair to be handled by the neural network is minimized." Independent Claims 1, 3 and 4 have been amended to obviate the rejection.

Accordingly, independent Claims 1, 3, and 4 are believed to be in condition for allowance. Without conceding the patentability per se of dependent Claims 2 and 6-10, these claims are likewise believed to be allowable by virtue of their dependence on their respective amended independent claims. Accordingly, reconsideration and withdrawal of the rejections of dependent Claims 2 and 6-10 is respectfully requested.

Accordingly, all of the claims pending in the Application, namely, Claims 1-4 and 6-10

are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicants' attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", written over the printed name.

Paul J. Farrell

Reg. No. 33,494

Attorney for Applicant

**THE FARRELL LAW FIRM, PC**  
333 Earle Ovington Blvd., Suite 701  
Uniondale, New York 11553  
Tel: (516) 228-3565  
Fax: (516) 228-8475

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